



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

least will give an idea as to the scope of the work. The first lecture by M. A. Davaune is a charming historical discourse on the invention and application of Photography from Daguerre and Niepce to the present day.

Chronophotography, the study of moving bodies, is discussed by M. G. Demeny; Photography in Colors, by Prof. G. Lippmann, of the Faculty of Science of Paris; Astronomical Photography, by Prof. J. Janssen, Director of the Astronomical Observatory of Meudon; and Photographic Chemistry by M. C. Fabre. To enumerate rapidly the titles of other lectures we have: Medical Photography, Military Photography and Photocartography, Photogravure and Photochromography, the Photographic Objective, Photographic Processes, the Photography of Natural Phenomena, Iconometry and Metrophotography (sciences but little understood in this country but of the greatest importance), Microphotography, the Production of Panoramas, etc., etc.

The book is printed on heavy paper, and the typographic work is in excellent style. The illustrations in most cases are reproductions of photographs and while illustrating the text are in themselves works of art, adding a further charm to the volume.

#### NOTES AND NEWS.

THE impetus recently given to nature-study in the secondary schools has led to a demand for the more thorough preparation of teachers in the essentials of botany and zoölogy. Teachers cannot get special training in these branches during the college year, because it coincides with their teaching year. In the past their oppor-

tunities for getting it during summer have been limited, on account of the lack of summer schools. To meet this demand the New Hampshire College, coöperating with Superintendent Gowing, of the State Department of Public Instruction, will institute next July a summer school of biology, especially adapted to the needs of teachers in the secondary schools. The instruction in botany will be given by Principal Charles H. Clark, A.M., of Sanborn Seminary, Kingston, N. H.; and in zoölogy by Prof. Clarence M. Weed, D.Sc., of the college. Supplementary lectures will also be delivered by President Chas. S. Murkland, Ph.D., and Superintendent Fred Gowing, of Concord. The school will open Thursday, July 5, and continue until Saturday, Aug. 4. It will be held in the laboratories and class rooms of Thompson Hall, students being granted free use of the library, microscopes, aquaria, collections, and other facilities. The laboratory instruction will be supplemented by work in the field and class-room, and by informal discussions of such topics as are likely to prove useful for illustrative purposes in nature-study in the lower schools. The course of study will cover the line of work in botany and zoölogy recommended in the recent report of the Committee on Secondary School Studies, appointed by the National Educational Association for adoption by the secondary schools. In addition, there will be offered, to such teachers as may desire it, an opportunity of taking a special course in microscopical technique under Principal Clark, or in elementary entomology under Professor Weed. The situation of the college is peculiarly favorable to the study of natural history. Plants and animals inhabiting a great variety of land surface, as well as fresh, brackish, and salt water, are easily accessible.

#### BRENTANO'S, Publishers, Importers, Booksellers,

We make a specialty of technical works in all branches of science, and in all languages.

Subscriptions taken for all American and foreign scientific periodicals.

Our Paris and London branches enable us to import at shortest notice and lowest rates all kinds of SCIENTIFIC SOCIETIES, MAGAZINES, JOURNALS, AND REPORTS, etc., CATALOGUES, &c., solicited.

Books and articles viewed in SCIENCE can be ordered from us.

Send for a sample copy of LITERARY NEWS. A Monthly Index of the Periodical Literature of the World. \$1 per year.

Brentano's, Union Square, New York.  
Chicago, Washington, London, Paris.



**GERMANIA** A monthly magazine for the study of the German language and literature, is highly recommended by college professors and the press as "the best effort yet made to assist the student of German, and to interest him in his pursuit." Its BEGINNERS' CORNER furnishes every year a complete and interesting course in German grammar. \$2 a year. Single copies 20 cents. P. O. Box 151, Manchester, N. H.

**MINERALS.** Largest, finest and most beautifully displayed stock in the U. S.

**GEMS.** Choice and rare stones of all kinds. Rubies, Sapphires, Emeralds, Tourmalines, etc.

Two medals at World's Columbian Exposition. Price lists free. Catalogue 15c., indexing all mineral species. GEO. L. ENGLISH & CO., Leading Mineralogists of the U. S., No. 64 East 12th Street, New York City.



**CATARRH**  
Sold by Druggists or sent by mail.  
50c. E. T. Hazeltine, Warren, Pa.

Piso's Remedy for Catarrh is the  
Best, Easiest to Use, and Cheapest.

Newspaper Clippings, 25,000 in Stock.  
What do you want? Let us know. We  
can supply you. The Clemens News  
Agency, Box 2329, San Francisco, Cal.

#### BUILDING BOOKS.

#### DRAWING INSTRUMENTS.

1893 Catalogue  
of Books on Building,  
Painting, and Decorating,  
also Catalogue of Drawing  
Instruments and Ma-  
terials, sent free on applica-  
tion to

Wm. T. Comstock,  
23 Warren St., New York.

#### ESTERBROOK'S STEEL PENS.

OF SUPERIOR AND STANDARD QUALITY.

Leading Nos.: 048, 14, 130, 135, 239, 333

For Sale by all Stationers.

THE ESTERBROOK STEEL PEN CO.  
Works: Camden, N. J. 26 John St., New York.

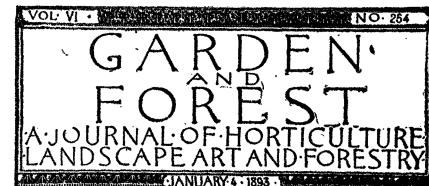
#### LIGHT, HEAT AND POWER.

THE INDEPENDENT GAS JOURNAL  
OF AMERICA.

PUBLISHED MONTHLY AT PHILADELPHIA.

Subscription, \$3.00 per year.

"For the enlightened owner of gardens and woodlands this journal is invaluable."—New York Tribune.



A beautifully illustrated journal of Horticulture, Landscape Art and Forestry, filled every week with fresh, entertaining, practical and accurate information for all who love nature or take an interest in flowers, shrubs and trees. Its writers are the foremost American and European authorities, and the editorial and leading articles constitute the best literature of the time on all subjects within the scope of the paper.

"The foremost journal of its class."—Boston Herald.  
"A delightful weekly companion."—Harper's Weekly.

PUBLISHED WEEKLY. \$4 A YEAR.

Specimen copy free on application.

Garden & Forest Pub. Co.,  
Tribune Building, NEW YORK.

#### 1869. THE 1893. Manufacturer and Builder.

Published Monthly. A handsomely illustrated mechanical journal, edited by DR. WILLIAM H. WAHL. Every number consists of 48 large quarto pages and cover, filled with useful information on all subjects of a practical nature. Specimen copy free. For sale by all newsdealers. Agents wanted everywhere. Address

HENRI GERARD,  
P. O. Box 1001. 83 Nassau St., N. Y.